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enCore version 5.1.6 } 1993 - 2003 Compugen Ltd.	ing sw model)3, 16:04:42 ; Search time 5.8 (without alignmen) 143.555 Million ce	111 XDHARCC 20	ext 0.5	110858 residues	chosen parameters: 328)% .00% 15 summaries	AA:* lata/1/iaa/5A_COMB.pep:* lata/1/iaa/5B_COMB.pep:* lata/1/iaa/6A_COMB.pep:* lata/1/iaa/6A_COMB.pep:* lata/1/iaa/PcTUS_COMB.pep:* lata/1/iaa/PcTUS_COMB.pep:* lata/1/iaa/backfiles1.pep:*	results predicted by chance to to the score of the result be to the total score distribut.		1	18-900 19-738	18-279-058B-	18-828-323- 19-252-991A	19-003-198A-1	18-977-767-3	18-630-915A-3 19-548-372D-1	19-548-367D	8-691-814B-42	19-252-991A-2 18-599-556-1	N	US96-05262	8-460-529B-9	9-252-991A	8-900-230-5	9-252-991A-	0-252-991A-2078
Gen Copyright (c)	tein search, usi November 17, 200	S-09-910-009A-211 21 XNCCNGGCSSKXCRDHARCC	BLOSUM62 Gapop 10.0 , Gap	28717 seqs, 423	hits satisfying ength: 0 ength: 2000000000	Minimum Match O Maximum Match I Listing first 4	Issued Patents AA. /cgn2_6/ptodate /cgn2_6/ptodate /cgn2_6/ptodate /cgn2_6/ptodate /cgn2_6/ptodate /cgn2_6/ptodate	s the number of er than or equal ved by analysis	2. 2 3 5	ch Lengt	.9 1417	9.5	1.6 232	3.8 40	3.4 1345	3.4 1400	1.3 2088	1.9 54	0.9 112 0.1 22	40.1 22 5 40.1 27 1	0.1 27	9.7 170	9.3 197	0.00	8.8 199	8.8 280
	protein - prot 1 on: N	tle: rfect score: 12: quence: 13	oring table: B	ched: 3;	number of um DB seq 1 um DB seq 1	-processing:	0ase : 3 2 2 3 6 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Pred. No. is score great and is deri	τ. 8	Score	58	ν. 4.	8. 4.	n n	52.5	52.5	1 50	49.5	5 48.5 5 48.5	16 48.5 17 48.5	8 48.5 48.5	64.8	47.5	.4.	4 4	7 47
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Sequence 44, Appl Sequence 2, Appli Sequence 18, Appl Sequence 1887, A Sequence 4, Appli Sequence 4, Appli Sequence 17, Appli Sequence 17, Appli Sequence 17, Appli Sequence 13, Appli Sequence 2, Appli Sequence	RECEPTORS AND
US-09-252-991A-30369 US-08-714-741-44 US-08-479-722B-2 PCT-US95-02251-18 US-09-252-991A-27887 US-08-431-333-4 US-08-431-333-4 US-08-991-862-17 PCT-US91-02321-4 US-08-991-8221-4 US-08-092-215-13 US-08-092-215-13 US-08-092-215-13 US-08-092-215-13 US-08-092-215-13 US-09-013-780-2 US-09-222-991A-22787 US-09-222-991A-22787	ALIGNMENTS O OF DOS 1.0, Version #1. 0,230 41-C/JPW/ADM
44 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RESULT 1 US-08-900-230-3 Sequence 3, Application US/08900230 Setent No. 6329197 GENERAL INFORMATION: APPLICANT: BATG, Jonathan A. TITLE OF INVENTION: USES THEREOF NUMBER OF SEQUENCES: 59 CORRESPEDMENCE ADDRESS: ADDRESSED: Cooper & Dunham LLD STREET: 1185 Avenue of The Amer CITY: New York CONDITY: New York COUNTRY: U.S.A. ILD: 11036 COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Plangy disk COMPUTER: EADABLE FORM: MEDIUM TYPE: Flopy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PALONINGER: US/08/900.2 FILING DATE: 23-JUL-1997 CLASSIFICATION: WUMBER: 28,678 REFERENCE/DOCKET NUMBER: 28,678 REFERENCE/DOCKET NUMBER: 28,678 REFERENCE/DOCKET NUMBER: 28,678 REFERENCE/DOCKET NUMBER: 28,678 REFERENCE/OFCHET NUMBER: 28,678 TELEPHONE: 212-391-0525 INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS: LENGTH: 1417 amino acids TYPE: amino acid TYPE: Innear MOLECULE TYPE: NOLECULE TYPE: N
0 00 00 00 00 00 00 00 00 00 00 00 00 0	100-230-3 nce 3, Application US/ RAL INFORMATION: PELCANT: Bard, Jonach TLE OF INVENTION: USE MRER OF SEQUENCES: 59 RRESPONDENCE ADDRESS: 59 RRESPONDENCE ADDRESS: 59 RRESPONDENCE ADDRESS: 59 RRESPONDENCE ADDRESS: 50 REPSPONDENCE PORTON REPSPONDENCE PROM: WHITE, DOWN RENT ADDRESS: 13-040-1 CLASSIFICATION NUMBER: USCOMMUNICATION NUMBER: 122-299-04 TELEPRAX: 212-299-04 TELEPRAX: 212-399-05 REFERENCE DOCKET NUMBE LECOMMUNICATION NUMBER: 212-299-04 TELEPRAX: 212-399-05 TELEPRAX: 212-399-05 REPERENCE DOCKET NUMBE LECOMMUNICATION INFORM TELEPRAX: 212-39-05 TYBE: 212-39-05 STRANDEDNESS: SINGLE LECULE TYPE: NO POTHERICAL:
4444444 እር ነው	ULT 1 08-900-230-3 atent No. 6329197 GENERAL INFORMATION: APPLICANT: Bard, Jonatha TITLE OF INVENTION: DNA STREET: 11936 Avenue of COUNTY: U.S.A. ZIP: 11036 COMPUTER: IBM PC COMPO SOFTWARE: PRACHOM PC SOFTWARE: PRACHOM DATA: APPLICATION NUMBER: US FILING DATE: 23-JUL-19 CLASSIFICATION NUMBER: US FILING DATE: AND ATA TELEPHONE: 212-278-040 TELEPHONE: 212-278-040 TELEPHONE: 212-278-040 TELEPHONE: 212-278-040 TELEPHONE: 212-278-040 TELEPHONE: Z12-391-0525 ENGTH: 1417 amino acid STRANDENESS: Single TOPOLOGY: linear MOLECULE TYPE: NO ANTI-SENSE: NO
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Query Match
Best Local Similarity 50.0%; Pred. No. 36;
Matches 9; Conservative 0; Mismatches 9; Indels

3 CCNGGCSSKXCRDHARCC 20

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7; Indels
                                                                                                                                             RESULT 4
US-08-828-323-23
; Sequence 23, Application US/08828323A
; Patent No. 6413753
; GENERAL INFORMATION;
; APPLICANT: O'Donnell, Michael
; TITLE OF INVENTION: DNA POLYMERASE III HOLOENZYME
; FILE REFERENCE: 19603/10214
; CURRENT APPLICATION NUMBER: US/08/828,323A
; CURRENT FILING DATE: 1997-03-28
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: Patentin Ver. 2.0
  2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 14, Application US/09003198A Patent No. 6316407
GENERAL INFORMATION:
APPLICANT: Liang, Jihong APPLICANT: Shah, Dilip Maganlal APPLICANT: Wu, Yonnie S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pseudomonas aeruginosa
                                                                    38 CTGGCTACTCGTGAACC 54
                                         4 CNGGCSSKXCRDHARCC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; ORGANISM: Escherichia coli
US-08-828-323-23
  8; Conservative
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US-09-252-991A-23648
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US-09-003-198A-14
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LENGTH: 58
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Matches
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                                                                                                                    GENERAL INFORMATION:
SELECTION:
APPLICATIVE GUELLER, KAT1 et al
TITLE OF INVENTION: ISOLATED HUMAN PHOSPHOLIPASE PROTEINS,
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN PHOSPHOLIPASE
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: CLOOO849
CURRENT APPLICATION NUMBER: US/09/738,884
NUMBER OF SEQ ID DATE: 2000-12-18
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FASELSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 47.1%; Score 57; DB 4; Length 2211; Best Local Similarity 50.0%; Pred. No. 67; Matches 9; Conservative 1; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              44.6%; Score 54; DB 1; Length 58; 47.1%; Pred. No. 6.9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AREAL INFORMATION:
APPLICANT: Michael E. O'Donnell
TITLE OF INVENTION: DNA POLYMERASE III
TITLE OF INVENTION: HOLOENZYME
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Yahwak & Associates
STREET: 25 Skytop Drive
CITY: Trumbull
STATE: Connecticut
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 435
CLASSIFICATION: 435
NAPE: GEOFGE M. Yahwak
REGISTRATION NUMBER: 26,824
REFERENCE/DOCKET NUMBER: CRF D-1056CIP
TELECOMUNICATION INFORMATION:
TELEPHONE: (203)268-1951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 06611
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh
COMPUTER: Macintosh
COPERATING SYSTEM: MS-DOS
SOFTWARE: Microsoft word 4.0
CURRENT APPLICATION DAYA:
APPLICATION NUMBER: US/08/279,058B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 23, Application US/08279058B Patent No. 5668004
                                    SULT 2
5.09-738-884-1
Sequence 1, Application US/09738884
Patent No. 6391606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3 CCNGGCSSKXCRDHARCC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (203)268-1951
INFORMATION FOR SEQ ID NO: 23:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 58 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query, Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Human
3-09-738-884-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SULT 3
-08-279-058B-23
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                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 1
LENGTH: 2211
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Sequence 33648, Application US/09252991A
Sequence 33648, Application US/09252991A
Patent No. 655178
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND ANINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REPRENCE: 10196.136
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1999-07-18
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 23648
LENGTH: 232
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 44.6%; Score 54; DB 4; Length 58; Best Local Similarity 47.1%; Pred. No. 6.9; Matches 8; Conservative 2; Mismatches 7; Indels
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INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS: LENGTH: 1345 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: single
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US-09-003-198A-16
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CLONE: 1532042
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-977-767-3
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atent No. 6316407

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Liang, Jihong
APPLICANT: Wu, Yonnie S.
APPLICANT: Wu, Yonnie S.
APPLICANT: Rosenberger, Cindy A.
APPLICANT: Rosenberger, Cindy A.
APPLICANT: Rosenberger, Cindy A.
APPLICANT: Rosenberger, Cindy A.
APPLICANT: Marimi, Salim
TITLE OF INVENTION: Controlling Plant Pathogenic Fungi
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: AROUGH White & Durkee
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              10;
APPLICANT: Rosenberger, Cindy A.
APPLICANT: Hakimi, Salim
TITLE OF INVENTION: Antifungal Polypeptide and Methods for
TITLE OF INVENTION: Controlling Plant Pathogenic Fungi
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS.
ADDRESSEE: Arnold White & Durkee
STREET: P.O. Box 4433
CITY: MOUSCON
STREET: MOUSCON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      uery Match 43.8%; Score 53; DB 4; Length 40; est Local Similarity 40.7%; Pred. No. 6.5; Atches 11; Conservative 0; Mismatches 6; Indels
                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/003,198A
FILING DATE: 07-JAN-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY AGENT INFORMATION:
NAME: Patterson, Melinda L.
REGISTATION NUMBER: 33,062
REFERENCE/DOCKET NUMBER: 3062
RELECOMMUNICATION INFORMATION:
TELEPHONE: (713) 787-1400
TELEPAX: (713) 787-1400
TELEPAX: (713) 787-1400
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 40 amino acids
TYPE: amino acid
TYPE: amino acid
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4 CNGGCS-----SKXCRDHARCC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         14 CFGGCDFHCKTKEHLLSGRCRDDFRCC 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
09-003-198A-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: House
STATE: Texas
COUNTRY: USA
TP: 77210
                                                                                                                                                                                                                        STATE: Texas
COUNTRY: USA
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 3, Application US/0897767

| Sequence 3, Application US/0897767
| Patent No. 5972684
| CENERAL INFORMATION:
| APPLICANT: Bandman, Olga
| APPLICANT: Twe, Henry
| APPLICANT: Corley, Neil C.
| TITLE OF INVENTION: CARBONIC ANHYDRASE VIII
| NUMBER OF SEQUENCES: 3
| CORRESPONDENCE ADDRESS:
| ADDRESSE: Incryte Pharmaceuticals, Inc.
| STREET: 3174 Porter Drive
| CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COONTER READABLE FORM:

MEDIUM TYPE: Databette COMPUTER READABLE FORM:

MEDIUM TYPE: Databette COMPUTER: IBM Compatible COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: FASISEO (for Windows Version 2.0 CURRENT APPLICATION NUMBER: US/08/977,767

FILING DATE: Herewith CLASSIFICATION DATA: APPLICATION NUMBER: US/08/977,767

FILING DATE: FILING DATA: APPLICATION NUMBER: SFLING DATE: FILING DATE: FILING DATE: TILING DATE: TILING DATE: TILING DATE: TILING DATE: TILING DATE: TILING DATE: TELENGLOCKET NUMBER: 36,749

REFERENCE/DOCKET NUMBER: 36,749

REFERENCE/DOCKET NUMBER: 36,749

REFERENCE OF ORDER TILING NUMBER: SF.0423 US

TELEPPHONE: 650-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4 CNGGCS-----SKXCRDHARCC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       41 CFGGCDFHCKTKEHLLSGRCRDDFRCC 67
ATTORNEY AGENT INFORMATION:
NAME: Patterson, Melinda L.
REGISTATION NUMBER: 33,062
REFERENCE/DOCKET NUMBER: MOBT:193
TELECOMMUNICATION INFORMATION:
TELEPHONE: (713) 787-1400
TELEPHONE: (713) 787-1400
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 67 amino acids
TYPE: Amino acids
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Sequence 13, Application US/09551853D
Patent No. 6500667
GENERAL INFORMATION:
APPLICANT: GURNEY ET AL.
TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR AND USES
TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-548-367D-13
Sequence 13, Application US/09548367D
Sequence 13, Application US/09548367D
Sequence 13, Application US/09548367D
SERVERAL INFORMATION:
APPLICANT: GURNEY ET AL.
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION: THEREOF
CURRENT APPLICATION NUMBER: US/09/548,367D
CURRENT FILING DATE: 2000-04-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 50; DB 4; Length 2088; Pred. No. 3.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 41.3%; Score 50; DB 4; 1
Best Local Similarity 44.4%; Pred. No. 3.8e+02;
Matches 8; Conservative 0; Mismatches 10
TITLE OF INVENTION:
PILE REPERENCE: 29915/62801.
CURRENT PEDILORION NUMBER: US/09/548,372D
CURRENT FILING DATE: 2000-04-12
PRIOR APPLICATION NUMBER: US 60/155,493
PRIOR FILING DATE: 1999-09-23
PRIOR FILING DATE: 1999-09-23
PRIOR FILING DATE: 1999-09-23
PRIOR FILING DATE: 1999-09-23
PRIOR FILING DATE: 1999-09-24
PRIOR FILING DATE: 1998-09-24
PRIOR FILING DATE: 1998-09-24
PRIOR FILING DATE: 1998-09-24
PRIOR FILING DATE: 1998-09-24
SOFTWARE: PALENT NOWSER: US 60/101,594
PRIOR FILING DATE: 1998-09-24
SOFTWARE: PALENTIN VEX 301
SOFTWARE: PALENTIN VEX 301
SEQ ID NO 13
LENGTH: 2088
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0: Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/155,493
PRIOR FILING DATE: 1999-09-23
PRIOR PELING DATE: 1999-09-23
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: PCT/US99/20881
PRIOR FILING DATE: 1999-09-23
PRIOR FILING DATE: 1999-09-23
PRIOR FILING DATE: 1998-09-24
NUMBER OF SEC 1D NOS: 73
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1617 CCTGGACGATCTCCAGCC 1634
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 44.4%;
Matches 8; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 13
LENGTH: 2088
TYPE: PRT
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satent No. 6420534
SENERAL INFORMATION:
THEORY BT AL.
TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR AND USES
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APPLICANT: SPARKS, Andrew B.
APPLICANT: HOFFWAN, No. 6309820h
APPLICANT: HOFFWAN, No. 6309820h
APPLICANT: RAY, Brian R.
APPLICANT: FOWLKES, Dana M.
APPLICANT: MCCONNELL, Stephen J.
ITILE OF INVENTION: POLYPEPTIDES HAVING A FUNCTIONAL
ITILE OF INVENTION: DOMAIN OF INTEREST AND METHODS OF IDENTIFYING AND
ITILE OF INVENTION: USING SAME
. NUMBER OF SEQUENCES: 227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                      Gaps
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                      Length 1345;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5; Indels
                                                                    7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SCHWARE Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,915A FILING DATE: U3/24PR-1996 CLASSIFICATION: S36 ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 1101-174
TELEPHONDICATION INFORMATION:
TELEPHONDICATION OF 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 1400 amino acids
                    Score 52.5; DB 2;
Pred. No. 1.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1; Mismatches
                                                               1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                         equence 37, Application US/08630915A atent No. 6309820
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   190 CCGCCCA---CTGTACCC 204
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                                                                                                               3 CCNGGCSSKXCRDHARCC 20
                    43.4%;
  uery Match
est Local Similarity 50.0%
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est Local Similarity 50.0.
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ADDRESSEE: Pennie & 1
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ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Stephen A.
                                                                                                                                                                                                                                                                           RESULT 14
US-09-252-991A-29976
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            US-08-691-814B-42
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Sequence 42, Application US/08691814B
Sequence 42, Marie-Christine
GENERAL INFORMATION:
APPLICANT: Rio, Marie-Christine
APPLICANT: Tomasetto, Catherine
APPLICANT: Basset, Paul
APPLICANT: Basset, Paul
APPLICANT: Byrne, Jennifer
TITLE OF INVENTION: as Leukemia Markers and in Breast Cancer Prognosis
NUMBER OF SEQUENCES: 124
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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41.3%; Score 50; DB 4; Length 208
sest Local Similarity 44.4%; Pred. No. 3.8e+02;
Aatches 8; Conservative 0; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Sterne, Kessler, Goldstein & Pox P.L.L.C. STREET: 1100 New York Ave, NW, Suite 600 CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Felgase #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/691,814B
FILING DATE: 31-JUL-1996
CLASSIFICATION: 435
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/002,183
FILING DATE: 05-AUG-1995
ATTORNEY/AGENT INFORMATION:
FILE REFERENCE: 2991S/6280L
CURRENT APPLICATION NUMBER: US/09/551,853D
CURRENT FILING DATE: 2000-04-18
PRIOR APPLICATION NUMBER: US 60/155,493
PRIOR FILING DATE: 1999-09-23
PRIOR FILING DATE: 1999-09-23
PRIOR FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: PCT/US99/20881
PRIOR FILING DATE: 1999-09-23
PRIOR FILING DATE: 1999-09-23
PRIOR FILING DATE: 1998-09-24
NUMBER OF SEQ ID NOS: 73
SOFTWARE: PATENTIN VENSION 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1383.0090001
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ZIP: 2000-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1617 CCTGGACGATCTCCAGCC 1634
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Steffe, Eric K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1383
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEPAX: 202-371-2543
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 202-371-2543
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 54 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3 CCNGGCSSKXCRDHARCC 20
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                                                                                                                                                                                                                                                                                                                   SEQ ID NO 13
LENGTH: 2088
TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                     -09-551-853D-13
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08-691-814B-42
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GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.

APPLICANT: Marc J. Rubenfield et al.

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: MUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: AERGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 107196,136

CURRENT APPLICATION NUMBER: US 60/074,788

PRIOR FILING DATE: 1999-02-18

PRIOR FILING DATE: 1999-02-18

PRIOR FILING DATE: 1999-07-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 29976
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40.9%; Score 49.5; DB 4; Length 112;
Best Local Similarity 47.4%; Pred. No. 37;
Matches 9; Conservative 2; Mismatches 3; Indels :
     DB 2; Length 54;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
STATE: DC
STATE: DC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/599,556
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Shon, Ki-Joon
APPLICANT: Shon, Ki-Joon
APPLICANT: Voshikami, Doju
APPLICANT: Warsh, Marsen
APPLICANT: Hillyard, David R.
APPLICANT: Hillyard, David R.
APPLICANT: Olivera, Baldomero M.
TITLE OF INVENTION: Conoctoxin Peptide PIIIA
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                   1; Mismatches
Query Match
Best Local Similarity 50.0%; Pred. No. 20
Matches 9; Conservative 1; Mismatche:
                                                                                                                                                                                                                                                                                               Sequence 29976, Application US/09252991A
Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/08599556
Patent No. 5670622
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           94 NCC---CCARTCR--VRCC 107
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Pseudomonas aeruginosa
                                                                                                          3 CCNGGCSSKXCRDHARCC 20
                                                                                                                                                             25 CCHGGCISPSIA-HGRLC 41
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ZIP: 20005-3917
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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REGISTRATION NUMBER: 38,609

REPERENCE/DOCKET NUMBER: 32660-107674-03

TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4848

TELEPAX: 202-962-4848

TELEPAX: 202-962-8300

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHRACTERISTICS:
LENGTH: 22 amino acids
TYPE: amino acid
SEQUENCE: ORGINAL SOUNCE:
ORGANISM: Conus purpurascens
FRATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: /note= "Amino acid 1 is pyroglutamate or glutamine."
FRATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: /note= "Amino acid 8 is 4-transhydroxyproline or proline."
FRATURE:
NAME/KEY: Disulfide-bond
LOCATION: 4.16
FRATURE:
NAME/KEY: Disulfide-bond
LOCATION: 4.16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: Disulfide-bond
LOCATION: 11..22
NAME/KEY: Wodified-site
LOCATION: 18
COTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "Amino acid 18 is 4-transhydroxyproline or proline."
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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COCATION: 22
COTHER INFORMATION: /product= "OTHER"
OTHER INFORMATION: /note= "The carboxy terminus may be amidated."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6; Indels . 3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     rch completed: November 17, 2003, 16:19:24 time : 5.89474 secs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: Disulfide-bond
LOCATION: 5..21
FEATURE:
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US-09-910-009A-211
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1: /cgn2_6/ptodata/2/pubpaa/NEG7_PUBCCOMB.pep:*

2: /cgu2_6/ptodata/2/pubpaa/PCT_TRW PUB.pep:*

2: /cgu2_6/ptodata/2/pubpaa/NEG NEW PUB.pep:*

4: /cgn2_6/ptodata/2/pubpaa/USO6_NEW PUB.pep:*

5: /cgn2_6/ptodata/2/pubpaa/USO7_NEW PUB.pep:*

6: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep:*

7: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep:*

8: /cgn2_6/ptodata/2/pubpaa/USO8_NEW PUB.pep:*

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12: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*

13: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*

14: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*

15: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*

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16: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*

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19: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
GenCore version 5.1.6
(c) 1993 - 2003 Compugen Ltd
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US-09-910-009A-31
US-09-910-009A-31
US-09-910-009A-473
US-09-910-009A-473
US-09-910-009A-474
US-09-910-009A-474
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US-09-910-009A-45
US-09-910-009A-45
US-09-910-009A-49
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US-09-910-009A-49
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             666188 seqs, 182559486 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                              - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                  US-09-910-009A-211
121
1 XNCCNGGCSSKXCRDHARCC 20
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Gapop 10.0 , Gapext 0.5
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fect score:
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No.
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        16
        66
        54.5
        24
        11
        US-09-910-009A-39
        Sequence 39, Appl 18

        17
        65
        53.7
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        US-09-910-009A-34
        Sequence 23, Appl 20

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        1129
        12
        US-10-140-472-221
        Sequence 221, Appl 20

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        US-10-141-761-221
        Sequence 221, Appl 20

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        US-10-141-761-221
        Sequence 221, Appl 20

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        US-10-141-751-221
        Sequence 221, Appl 20

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        US-10-140-864-221
        Sequence 221, Appl 20

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        US-10-140-921-221
        Sequence 221, Appl 20

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        1129
        12
        US-10-140-921-221
        Sequence 221, Appl 20

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        52.9
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        US-10-140-922-221
        Sequence 221, Appl 20

        28
        52.9
        1129
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ALIGNMENTS

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WESULT 1

WESULT 1

Sequence 211, Application US/09910009A

Publication No. US20030050234A1

GENERAL INFORMATION:
APPLICANT: University of Utah Research Foundation
APPLICANT: Cognetix, Inc.
APPLICANT: Cognetix, Inc.
APPLICANT: Garrett, James E.
APPLICANT: Garchert, Maren
APPLICANT: Garchert, Maren
APPLICANT: Crox, Ki-Joon
APPLICANT: Crox, Ki-Joon
APPLICANT: Cartier, G. Edward
APPLICANT: Cartier, G. Edward
APPLICANT: Garter, G. Edward
APPLICANT: Wagstaff, John D.
TITLE OF INVENTION: Mu-Conopeptides
FILE REFERENCE: 2010-07-23
FRIOR REFERENCE: 2000-07-21
FRIOR APPLICATION NUMBER: US 60/219,619
FRIOR PILING DATE: 2000-11-03
FRIOR PILING DATE: 2000-11-03
FRIOR PILING DATE: 2001-01-29
FRIOR PILING DATE: 2001-01-29
FRIOR PILING DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
SOFTWARE: PATENTING DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
SOFTWARE: PATENTING
SEQ ID NOS: 520
TYPE: PR
GRANISM: Conus striatus
FEATURE: FEFTURE:
FEATURE:
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Score 117; DB 11; Length 75;
Pred. No. 2.9e-07;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: University of Utah Research Foundation
APPLICANT: Cognetix, Inc.
APPLICANT: Olivera, Baldomero M.
APPLICANT: McIncosh, J. Michael
APPLICANT: Garrett, James E.
APPLICANT: Watkins, Maren
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Jacobsen, Richard
APPLICANT: Jacobsen, Richard
APPLICANT: Jacobsen, Richard
APPLICANT: Gartier, G. Edward
APPLICANT: Gartier, G. Edward
APPLICANT: Shen, Greg S.
APPLICANT: Shen, Greg S.
APPLICANT: Magstaff, John D.
TITLE REFERENCE: 2114-242
CURRENT APPLICATION NUMBER: US 009/910,009A
CURRENT FILING DATE: 2001-07-23
FRIOR FILING DATE: 2000-07-21
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2001-10-39
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
SOFTWARE: PATENTING DATE: 2010-03-21
NUMBER OF SEQ ID NOS: 520
SOFTWARE: PATENTING DATE: 2010-03-21
NUMBER OF SEQ ID NOS: 520
SOFTWARE: PATENTING DATE: 2010-03-21
NUMBER OF SEQ ID NOS: 520
                                                                              APPLICANT: Cartier, G. Edward
APPLICANT: Shen, Greg S.
APPLICANT: Shen, Greg S.
APPLICANT: Shen, Greg S.
APPLICANT: Wagstaff, John D.
FILE REFERENCE: 2314-242 conopeptides
FILE REFERENCE: 2314-242 conopeptides
FILE REFERENCE: 2314-242 conopeptides
FILE REFERENCE: 2010-07-23
PRIOR PILING DATE: 2000-07-21
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2001-02-29
PRIOR FILING DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
SOUTHARE: PALENG DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
SEQ ID NO 210
LENGTH: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 301, Application US/09910009A Publication No. US20030050234A1
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Best Local Similarity 94.7%; Pr
Matches 18; Conservative 0;
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ORGANISM: Conus stercusmuscarum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Cruz, Lourdes J. APPLICANT: Shon, Ki-Joon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: PRT
; ORGANISM: Conus striatus
US-09-910-009A-210
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LOCATION: (1)..(20)
OTHER INFORMATION: Xaa at residue 1 is Gln or pyro-Glu, Xaa at residue 12 is Trp or OTHER INFORMATION: bromo-Trp
09-910-009A-211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
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                                                                                                                                              Length 20;
                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               equence 210. Application US/09910009A
ublication No. US20030050234A1
ENDERAL INFORMATION:
APPLICANT: University of Utah Research Foundation
APPLICANT: Cognetix, Inc.
APPLICANT: Olivera, Baldomero M.
APPLICANT: McIntosh, J. Michael
APPLICANT: Garrett, James E.
APPLICANT: Watkins, Maren
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            BAREAL INFORMATION:
BAREAL INFORMATION:
APPLICANT: University of Utah Research Foundation
APPLICANT: Cognetix, Inc.
APPLICANT: Cognetix, Inc.
APPLICANT: Galvera, Baldomero M.
APPLICANT: McIntosh, J. Michael
APPLICANT: Garrett, James E.
APPLICANT: Garrett, James E.
APPLICANT: Wackins, Maren
APPLICANT: Shon, Ki-Joon
APPLICANT: Shon, Richard
APPLICANT: Carrier, G. Edward
APPLICANT: Carrier, G. Edward
APPLICANT: Shen, Greg S.
APPLICANT: Shen, Greg S.
APPLICANT: Wagetaff, John D.
FILE REFERENCE: 2314-242
                                                                                                                                           97.5%; Score 118; DB 11;
100.0%; Pred. No. 7.4e-08;
vative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/910,009A
CURRENT FILING DATE: 2001-07-23
PRIOR PAPLICATION NUMBER: US 60/219,619
PRIOR FILING DATE: 2000-07-21
PRIOR FILING DATE: 2000-11-03
PRIOR APPLICATION NUMBER: US 60/245,157
PRIOR APPLICATION NUMBER: US 60/24,319
PRIOR PILING DATE: 2001-11-29
PRIOR FILING DATE: 2001-01-29
PRIOR APPLICATION NUMBER: US 60/27,270
PRIOR APPLICATION NUMBER: US 60/277,270
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  uery Match
est Local Similarity 94.7%; Pred. No. 9.8e
atches 18; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                equence 432, Application US/09910009A ublication No. US20030050234A1 ENERAL INFORMATION:
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                                                                                                                                                                                                                                                                 2 NCCNGGCSSKXCRDHARCC 20
                                                                                                                                                                                                                                                                                                                     2 NCCNGGCSSKKCRDHARCC 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NCCNGGCSSKWCRDHARCC 20
                                                                                                                                  uery Match
est Local Similarity 100.
arches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Conus striatus
09-910-009A-432
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: University of Utah Research Foundation
APPLICANT: Cognetix, Inc.
APPLICANT: Olivera, Baldomero M.
APPLICANT: McIntosh, J. Michael
APPLICANT: Garrett, James E.
APPLICANT: Watkins, Maren
                                              APPLICANT: Jones, Robert M.
APPLICANT: Jones, Robert M.
APPLICANT: Gartier, G. Edward
APPLICANT: Shen, Greg S.
APPLICANT: Wagstaff, John D.
TITLE OF INVENTION: Wu-Comopeptides
FILE REPERENCE: 2314-242
CURRENT APPLICATION NUMBER: US/09/910,009A
CURRENT FILING DATE: 2001-07-23
PRIOR PILING DATE: 2000-11-03
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2001-11-29
PRIOR FILING DATE: 2001-11-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
SOFTWARE: Patentin version 3.0
SEQ ID NO 300
LENGTH: 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Cartier, G. Edward
APPLICANT: Shen, Greg S.
APPLICANT: Shen, Greg S.
APPLICANT: Shen, Greg S.
APPLICANT: Wagstaff, John D.
TITLE OF INVENTION: Mu-Conopertides
FILE REFERENCE: 2314-24
CURRENT APPLICATION WUMBER: US 60/219,619
RIOR FILING DATE: 2001-07-23
PRIOR FILING DATE: 2000-07-21
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2001-01-29
PRIOR PLING DATE: 2001-01-29
PRIOR FILING DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
SEQ ID NO 376
LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 376, Application US/09910009A Publication No. US20030050234A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT ORGANISM: Conus stercusmuscarum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Cruz, Lourdes J.
Shon, Ki-Joon
Jacobsen, Richard
Jones, Robert M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Conus consors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-910-009A-376
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-910-009A-300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      g
LOCATION: (1)...(22)
OTHER INFORMATION: Xaa at residue 1 is Gln or pyro-Glu; Xaa at residue 14 is Trp or OTHER INFORMATION: bromo-Trp
5-09-910-009A-301
                                                                                                                                                                              Gaps
                                                                                                                                                                              2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           77.7%; Score 94; DB 11; Length 22; ilarity 75.0%; Pred, No. 5.8e-05; Conservative 2; Mismatches 1; Indels
                                                                                                                       Query Match 78.5%; Score 95; DB 11; Length 22; Best Local Similarity 80.0%; Pred. No. 4.4e-05; Matches 16; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: University of Utah Research Foundation APPLICANT: University of Utah Research Foundation APPLICANT: Cognetix, Inc.
APPLICANT: Olivers, Baldomero M.
APPLICANT: Garrett, James E.
APPLICANT: Matkins, Maren
APPLICANT: Cruz, Lourdes J.
APPLICANT: Shon, Ki-Joon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: University of Utah Research Foundation
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CURRENT FILING DATE: 2001-07-23
PRIOR PILING DATE: 2000-07-21
PRIOR FILING DATE: 2000-07-21
PRIOR PLING DATE: 2000-11-03
PRIOR PLING DATE: 2000-11-03
PRIOR PLING DATE: 2001-01-29
PRIOR PLING DATE: 2001-01-29
PRIOR PELING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
STOR PRIOR FILING DATE: 2001-01-29
SOFTWARE: PATHOR DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
SOFTWARE: PATHOR DATE: 2001-03-21
LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Jacobsen, Richard
APPLICANT: Jacobsen, Richard
APPLICANT: Cartier, G. Edward
APPLICANT: Shen, Greg S.
APPLICANT: Shen, Greg S.
ITLE OF INVENTION: Mu-Conopeptides
FILE REFERENCE: 2314-242
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 300, Application US/09910009A Publication No. US20030050234A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                          Sequence 473, Application US/09910009A Publication No. US20030050234A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                           3 CCNG--GCSSKKCRDHARCC 20
                                                                                                                                                                                                                                                       3 CCNGRRGCSSRXCRDHSRCC 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3 CCNGRRGCSSRWCRDHSRCC 22
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Olivera, Baldomero M.
McIntosh, J. Michael
Garrett, James E.
Watkins, Maren
Cruz, Lourdes J.
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3-09-910-009A-473
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Best Local Similarity
Matches 15; Conserv
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT:
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Score 72; DB 11; Length 74;
Pred. No. 0.066;
3; Mismatches 4; Indels
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APPLICANT: Mointeen, J. Michael APPLICANT: Garrett, James E. APPLICANT: Watkins, Maren
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Watkins, Maren,
APPLICANT: Cruz, Lourdes J.
APPLICANT: Cruz, Lourdes J.
APPLICANT: Jacobsen, Richard
APPLICANT: Jacobsen, Richard
APPLICANT: Shon, Ki.Joon
APPLICANT: Shon, Greg S.
APPLICANT: Shon, Greg S.
APPLICANT: Shon, Greg S.
APPLICANT: Wagstaff, John D.
TITLE OF INVENTION: Mu-Conopetides
FILE REFERENCE: 2314-242
FILE REFERENCE: 2314-242
FILE REFERENCE: 2314-242
FILE REPERENCE: 2010-07-21
FRIOR APPLICATION NUMBER: US 60/245,157
FRIOR FILING DATE: 2001-01-29
FRIOR FILING DATE: 2001-01-29
FRIOR FILING DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
SOFTWARE FALENCH NOS: 520
LENGTH 26
                                                                                                      APPLICANT: Shen, Greg S.
APPLICANT: Shen, Greg S.
TILE OF INVENTION: Mu-Conopeptides
TILE REPERENCE: 2314-242
CURRENT APPLICATION NUMBER: US/09/910,009A
CURRENT FILING DATE: 2001-07-23
PRIOR APPLICATION NUMBER: US 60/219,619
PRIOR FILING DATE: 2000-07-21
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2001-01-03
PRIOR FILING DATE: 2001-01-29
CRICK FILING DATE: 2001-01-29
SPRIOR FILING DATE: 2001-01-29
SPRIOR FILING DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
SOFTWARE: Patentin version 3.0
SEQ ID NO 375
LENGTH: 74
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; Sequence 42, Application US/09910009A
; Publication No. US20030050234A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ||: || || : ||||:||
54 CCDVPNACSGRWCRDHAQCC 73
Shon, Ki-Joon
Jacobsen, Richard
Jones, Robert M.
Cartier, G. Edward
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Best Local Similarity 55.0%;
Matches 11; Conservative 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Conus consors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-910-009A-375
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LOCATION: (1)..(22)
OTHER INFORMATION: Xaa at residue 7 is Pro or Hyp; Xaa at residue 14 is Trp or bromc
OTHER INFORMATION: -Trp
-09-910-009A-376
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                                                                                                                                       Ouery Match 60.3%; Score 73; DB 11; Length 22; Best Local Similarity 60.0%; Pred. No. 0.018; Matches 12; Conservative 3; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
GENERAL INFORMATION
APPLICANT: COGNETIX, Inc.
APPLICANT: COGNETIX, Inc.
APPLICANT: COGNETIX, Inc.
APPLICANT: McIntosh, J. Michael .
APPLICANT: Markins, Maren
APPLICANT: Garrett, James E.
APPLICANT: Grand .
APPLICANT: Shon, Ki-Joon
APPLICANT: Shon, Ki-Joon
APPLICANT: Shon, Ki-Joon
APPLICANT: Gacobsen, Richard
APPLICANT: Jones, Robert M.
APPLICANT: Gartier, G. Edward
APPLICANT: Wagstaff, John D.
TITLE OF INVENTION: Mu-Conopeptides
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Sequence 375, Application US/09910009A
Publication No. US20030050234A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: University of Utah Research Foundation
APPLICANT: Cognetix, Inc.
APPLICANT: Olivera, Baldomero M.
APPLICANT: Mortucah, J. Michael
APPLICANT: Garrett, James E.
APPLICANT: Garrett, James E.
APPLICANT: Watkins, Maren
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CURRENT PEPLICATION NUMBER: US/09/910,009A
CURRENT FILING DATE: 2001-07-23
PRIOR PILING DATE: 2000-07-21
PRIOR FILING DATE: 2000-07-21
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2000-11-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 520
SOFTWARE: PATCHING DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
SOFTWARE: PATCHING DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
SOFTWARE: PATCHING DATE: 2001-03-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 474, Application US/09910009A Publication No. US20030050234A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3 CCN--GGCSSKXCRDHARCC 20
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                                                                                                                                                                                                                                                                                              3 CCDVXNACSGRXCRDHAQCC 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Cruz, Lourdes J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 55.0
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Conus consors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 2314-242
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 58.3%; Score 70.5; DB 11; Length 23; 65.0%; Pred. No. 0.038; tive 2; Mismatches 2; Indels
                                                                                               wery Match 58.7%; Score 71; DB 11; Length 26; est Local Similarity 60.9%; Pred. No. 0.037; atches 14; Conservative 2; Mismatches 1; Indels
LOCATION: (1)..(26)
OTHER INFORMATION: Xaa at residue 18 is Trp or bromo-Trp 09-910-009A-42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (1)..(23)
OTHER INFORMATION: Xaa at residue 15 is Trp or bromo-Trp
                                                                                                                                                                                                                                                                                                                                                                                                                               University of Utah Research Foundation
Cognetix, Inc.
Olivera, Baldomero M.
McIntosh, J. Michael
Garrett, James E.
Watkins, Maren
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ublication No. US20030050234A1
ENERAL INFORMATION:
APPLICANT: University of Utah Research Foundation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Carties, G. Edward
APPLICANT: Shen, Greg S.
APPLICANT: Shen, Greg S.
APPLICANT: Shen, Greg S.
APPLICANT: Shen, Greg S.
APPLICANT: Wagestaff. John D.
FILE OF INVENTION: Mu-Conopeptides
FILE REFERENCE: 2314-242
CURRENT APPLICATION NUMBER: US 60/219,619
PRIOR APPLICATION NUMBER: US 60/245,157
PRIOR APPLICATION NUMBER: US 60/245,157
PRIOR APPLICATION NUMBER: US 60/245,157
PRIOR FILING DATE: 2000-01-03
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
EQ ID NOS: 520
EQ ID NOS: 520
EQ ID NOS: 520
                                                                                                                                                                                           3 CCN----GGCSSKXCRDHARCC 20
                                                                                                                                                                                                                       5 CCNKGNGKRGC-SRXCRDHSRCC 26
                                                                                                                                                                                                                                                                                                                                     09-910-009A-36
equence 36, Application US/09910009A
ublication No US20030050234A1
EMERAL INFORMATION:
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Olivera, Baldomero M.
McIntosh, J. Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Cruz, Lourdes J.
Shon, Ki-Joon
Jacobsen, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    uery Match
est Local Similarity 65.0%
***Thes 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Jones, Robert M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT ORGANISM: Conus bullatus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          09-910-009A-495
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                                                                                                      APPLICANT: Cartier, G. Edward
APPLICANT: Shen, Greg S.
APPLICANT: Shen, Greg S.
TITLE OF INVENTION: Mu-Conopertides
FILE REPRENCE: 2314-242
CURRENT APPLICATION NUMBER: US/09/910,009A
CURRENT FILING DATE: 2001-07-23
PRIOR APPLICATION NUMBER: US 60/219,619
PRIOR FILING DATE: 2000-07-21
PRIOR FILING DATE: 2000-10-29
PRIOR FILING DATE: 2001-10-3
PRIOR FILING DATE: 2001-10-3
PRIOR FILING DATE: 2001-10-29
PRIOR FILING DATE: 2001-10-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 201-01-29
PRIOR PRILING DATE: 201-01-29
PRIOR FILING DATE: 201-01-29
PRIOR APPLICATION NUMBER: US 60/277,270
NUMBER OF SEQ ID NOS: 520
SOFTWARE: PATENTIN VEXENON 3.0
SERVANES: PATENTIN VEXENON 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Jones, Robert M.
APPLICANT: Jones, Robert M.
APPLICANT: Gartier, G. Edward
APPLICANT: Gartier, G. Edward
APPLICANT: Magstaff, John D.
TITLE OF INVENTION: Mu-Conopeptides
FILE REFERENCE: 234-242
CURRENT APPLICATION NUMBER: US/09/910,009A
CURRENT FILING DATE: 2001-07-23
PRIOR FILING DATE: 2000-07-21
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2001-10-29
PRIOR FILING DATE: 2001-01-29
SOFTWARE: PATENTING NUMBER: US 60/277,270
NUMBER OF SEQ ID NOS: 520
SOFTWARE: PATENTIN VERSION 3.0
SEQ ID NO 41
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5 CCNKGNGKRGC-SRWCRDHSRCC 26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 41, Application US/09910009A
Publication No. US20030050234A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Cognetix, Inc.
Olivera, Baldomero M.
McIntosh, J. Michael
Garrett, James E.
Watkins, Maren
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Shon, Ki-Joon
Jacobsen, Richard
Jones, Robert M.
Cartier, G. Edward
Shen, Greg S.
Wagstaff, John D.
                           Shon, Ki-Joon
Jacobsen, Richard
Jones, Robert M.
Cruz, Lourdes J.
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Job time : 9.89474 secs
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                                                                             hery Match 57.9%; Score 70; DB 11; Length 80; st Local Similarity 56.5%; Pred. No. 0.12; tches 13; Conservative 2; Mismatches 2; Indels
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equence 35, Application US/09910009A
ublication No. US20030050234A1
ENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                NERAL INFORMATION:
NPPLICANT: University of Utah Research Foundation
                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Olivers, Baldomero M. APPLICANT: Garrett, James E. APPLICANT: Garrett, James E. APPLICANT: Garrett, Jourdes J. Maren APPLICANT: Jacobsen, Richard APPLICANT: Jacobsen, Richard APPLICANT: Jacobsen, Richard APPLICANT: Jacobsen, Richard APPLICANT: Greg S. Gaward APPLICANT: Magataff, John D. APPLICANT: Magataff, John D. APPLICANT: Magataff, John D. APPLICATION NUMBER: US 60/219,619
PRIOR APPLICATION NUMBER: US 60/219,619
PRIOR APPLICATION NUMBER: US 60/245,157
PRIOR FILING DATE: 2000-11-03
PRIOR APPLICATION NUMBER: US 60/245,157
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
PRIOR APPLICATION NUMBER: US 60/277,270
PRIOR APPLICATION NUMBER: US 60/264,319
PRIOR APPLICATION NUMBER: US 60/264,319
PRIOR APPLICATION NUMBER: US 60/277,270
PRIOR FILING DATE: 2001-03-21
PRIOR PRIOR PRIOR SEQ 1D NOS: 520
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                   3 CCN----GGCSSKXCRDHARCC 20
                                                                                                                                                                                                                      56 CCNKGNGKRGC-SRWCRDHSRCC 77
                                                                                                                                                                                                                                                                                                                                                               quence 493, Application US/09910009A
ublication No. US20030050234A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3 CCNG--GCSSKXCRDHARCC 20
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Olivera, Baldomero M.
McIntosh, J. Michael
Garrett, James E.
Watkins, Maren
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Shon, Ki-Joon
Jacobsen, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Conus bullatus
39-910-009A-493
ORGANISM: Conus bullatus
9-910-009A-41
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LENGTH: 23
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57.4%; Score 69.5; DB 11; Length 77; 60.0%; Pred. No. 0.14; ive 2; Mismatches 3; Indels
APPLICANT: Jones, Robert M.
APPLICANT: Cartier, G. Edward
APPLICANT: Cartier, G. Edward
APPLICANT: Shen, Greeg S.
APPLICANT: Wagstaff, John D.
TITLE OF INVENTION: Mu-Conopeptides
FILE REFERENCE: 2314-242
CURRENT APPLICATION NUMBER: US/09/910,009A
CURRENT FILING DATE: 2001-07-23
PRIOR APPLICATION NUMBER: US 60/219,619
PRIOR FILING DATE: 2000-07-21
PRIOR FILING DATE: 2000-10-3
PRIOR FLING DATE: 2000-11-03
PRIOR FLING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-39
PRIOR FILING DATE: 2001-01-39
SOFTWARE: PARLICATION NUMBER: US 60/277,270
NUMBER OF SEQ ID NOS: 520
SOFTWARE: PATCHIN VEYSION 3.0
SOFTWARE: PATCHIN VEYSION 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Search completed: November 17, 2003, 16:26:50
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Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: PRT
; ORGANISM: Conus bullatus
US-09-910-009A-35
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Sequence 22, Appl
Sequence 22, Appl
Sequence 14, Appl
Sequence 14, Appl
Sequence 7, Appli
Sequence 16, Appli
Sequence 16, Appl
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Sequence 24, Appl
Sequence 9, Appli
Sequence 37, Appl
Sequence 39, Appl
Sequence 39, Appl
Sequence 39, Appl
Sequence 39, Appl
Sequence 37, Appl
Sequence 37, Appl
Sequence 37, Appl
Sequence 37, Appl
                                                                                                                                                                                      November 17, 2003, 16:04:42; Search time 22.1053 Seconds (without alignments) 143.555 Million cell updates/sec
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Sequence 39,
Patent No. 522
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Sequence 22,
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Sequence 37,
Sequence 13,
                                                                                                                                                                                                                                                                                                                                                                                   1 GSMMSKLGVLLTVCLLLFPL.....CCNGGCSSKWCRDHARCCGR 75
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2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*
6: /cgn2_6/ptodata/1/iaa/PcTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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US-07-689-693B-24

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US-08-117-800-37

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US-08-117-800-39

US-08-487-138-39

US-08-487-174-39

US-08-487-174-39

US-08-487-174-39

US-08-487-174-39

US-08-487-174-39

US-08-487-178-39

US-08-487-178-39

US-08-487-178-39

US-09-061-026-12

US-09-061-026-14

US-09-061-026-14

US-09-061-026-14

US-09-061-026-16

US-09-08-138-13

US-09-466-138-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    328717 segs, 42310858 residues
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                  - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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                                                                                                                                                                                                                                                                                                                     US-09-910-009A-210
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Maximum DB seg length: 200000000
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                                                                                                                                                                                                                                                                                                                                                           Perfect score:
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5.6 206 1 US-08-456-430-3 5.6 206 2 US-08-994-418-3 5.6 206 2 US-08-994-418-3 5.1 27 5 PCT-USS5-00432-3 5.1 64 1 US-08-137-800-35 5.1 64 1 US-08-137-800-45 5.1 64 1 US-08-137-800-45 5.1 64 1 US-08-137-801-36 5.1 64 1 US-08-477-383-45 5.1 64 1 US-08-497-174-35 5.1 64 1 US-08-497-174-35 5.1 64 1 US-08-497-174-35 5.1 64 1 US-08-480-750-36 5.1 64 1 US-08-480-174-35 5.1 174 4 US-09-188-799-51 5.0 1417 4 US-09-188-799-52 5.0 1417 4 US-09-188-799-52 5.0 1417 4 US-09-188-799-52 5.0 1417 4 US-09-188-799-53 5.0 1417 4 US-0	Conus Conus 113 vector	Va	sequence 3, Appli sequence 3, Appli sequence 12, Appli sequence 6549, App sequence 45, Appl sequence 45, Appl sequence 36, Appl sequence 36, Appl sequence 36, Appl sequence 36, Appl sequence 45, Appl sequence 45, Appl sequence 45, Appl sequence 56, Appl sequence 56, Appl sequence 51, Appl	W W W M W W W W W W W W W W W W W W W W
15.6 206 1 15.6 206 2 15.1 64 1 15.1 164 1 15.1 164 1 15.1 164 1 15.1 164 1 15.0 1417 4 14.9 59 3 15.0 100 00 00 00 00 00 00 00 00 00 00 00 0	th, 720 Kb storage 693B nce for three loop ter conotoxin from tes were created oligo-dr primed pu	689693B ivera jated Folding Determinants all Disulfide-Rich Peptid all bestern 231011th & Western iast, Suite 200	US-08-456-4400-3 PCT-US95-00442-3 PCT-US95-00442-3 PCT-US95-0562-12 US-09-278-352-6549 US-08-137-800-36 US-08-137-800-36 US-08-477-383-45 US-08-477-383-45 US-08-477-383-45 US-08-487-174-45 US-08-480-750-36 US-09-488-799-49 US-09-488-799-51 US-09-488-799-51 US-09-488-799-53	US-08-456-430-3 US-08-994-418-3 PCT-US95-00432-3 PCT-US95-056212 US-08-137-800-36 US-08-137-800-45 US-08-477-383-45 US-08-477-383-45 US-08-477-383-45
TRRK HEN O HERROHANDENDENDENDENDENDENDENDENDENDENDENDENDEN	DEADABLE FORM: TYPE: Diskette, 3 "Compad LTE/286 G SYSTEM: DOS 4. PLICATION DATA: TOWNERS: US/O ATE: 19910418 CATION: 50 CATION DATA: TOWNERS: NA GENT INFORMATION: GENT INFORMATION: GENT INFORMATION: GENT INFORMATION: TOWNERS: 22, EXPOCKET NUMBER: 22, EXPOC	Application US/07 31011 BAMTION: David Hillyard Baldomero M. Ol NVENTION: For Sm SEQUENCES: 25 SEQUENCES: 25 EF Thorpe, No. 5 9035 South 700 E OLAN	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	66 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
28 65.5 29 65.5 31 65.5 32 65.5 33 65.5 34 63.5 35 63.5 36 63.5 37 63.5 38 63.5 39 63.5 44 63.5 45 62.5 APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICATION DESCRIPTION DESC	ZIP: 84070 ZIP: 84070 COMPUTER READABLE MEDIUM TYPE: D COMPUTER: Comp OPERATING SYSTE SOFTWARE: WOYE CURRENT APPLICATION NUM FILLING DATE: D FILLING D FILLI	RESULT 1 Sequence 11, Appli Sequence 11, Appli Patent No. 5231011 GENERAL HORRATI APPLICANT: Dad TITLE OF INVENT TITLE OF INVENT NUMBER OF SEQUE CORRESPONDENCE ADDRESSEE: 1 STREET: 903 STREET: 903 CITY: Sandy CITY: Sandy	20 20 20 20 20 20 20 20 20 20 20 20 20 2	

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4 MSKLGVLLTVCLLLFPLTALPLDGDQPADRPABRMQDDISSDEHPLFDKRQNC----CN 58
                                                                                                                                               ch 53.2%; Score 223.5; DB 1; Length 68; 1 Similarity 56.6%; Pred. No. 8.7e-18; 43; Conservative 9; Mismatches 11; Indels 13; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: Signal/Pro sequence for synthesis of MAME/KEY: three loop concoxin from Circler conctoxin IDENTIFICATION METHOD: Libraries were created IDENTIFICATION METHOD: using oligo-dT primed pUC13 vector
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4 MSKLGVLLTVCLLLFPLTALPLDGDQPADRPAERMQDDISSDEHPLFD 51
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Sequence 24, Application US/07689693B

Patent No. 5231011

SENERAL INFORMATION:
APPLICANT: Bayd Hillyard
APPLICANT: Baldomero M. Olivera
TITLE OF INVENTION: Segregated Folding Determinants
TITLE OF INVENTION: for Small Disulfide-Rich Peptides
NUMBER OF SUGUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Thorpe, No. 5231011th & Western
STREET: 9035 South 700 East, Suite 200
CITY: Sandy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 45.5%; Score 191; DB 1; Length 52; Best.Local Similarity 72.9%; Pred. No. 2.5e-14; Matches 35; Conservative 8; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 84070
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 720 Kb storage
COMPUTER: Compag LTE/286
OPERATING SYSTEM: DOS 4.01
SOFTWARE: WAND PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/689,693B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/01/089, FILING DATE: 19910418
CLASSIFICATION: 530
PRIOR APPLICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: none
FILING DATE: na
ATTORNEY/AGENT INFORMATION:
NAME: WESTERT, N. WAYNE
REFERENCE/DOCKET NUMBER: 9925
FELECOMMUNICATION INFORMATION:
TELECHOWINICATION INFORMATION:
TELECHOMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 52 amino acids
TYPE: AMINO ACID
                                                                                                                                                                                                                              59 GGCSSKWCRDHARCCG 74
                                                                                                                                                                                                                                                                                   61 MGCKP----CCG 68
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     Query Match
Best Local Similarity
Matches 43; Conserva
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RESULT 3 US-08-700-442A-9

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4 MSKLGVLLTVCLLLFPLTAL-----PLDGDQPADRPAE----RMQDDISSDEHPLFD 51
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                                                              APPLICANT: Shella ATTENBOROUGH
APPLICANT: Willem Frans BROEKAERT
APPLICANT: Willem Frans BROEKAERT
APPLICANT: Wombert William OSBORN
APPLICANT: John Anthony RAY
APPLICANT: Sarah Bronwen REES
APPLICANT: Sarah Bronwen REES
APPLICANT: RAYINGTA HAZINAN
TITLE OF INVENTION: ANTHMICROBIAL PROTEINS FROM ARALIA AND
TITLE OF INVENTION: ANTHMICROBIAL PROTEINS FROM ARALIA AND
TITLE OF INVENTION: ANTHMICROBIAL PROTEINS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE 21
ADDRESSE: PILLSDLYY Madison & Sutro, L.L.P.
STREET: 1100 New YORK Avenue, N.W.
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Patent No. 6150588
GENERAL INFORMATION:
APPLICANT: Shiela ATTENBOROUGH
APPLICANT: Rupert William OSBORN
APPLICANT: APPLICANT:
APPLICANT: Ravindra Haribhai TAILOR
TITLE OF INVENTION: ANTIMICROBIAL PROTEINS FROM ARALIA AND TITLE OF INVENTION: IMPATIENS
ITTLE OF INVENTION: INPATIENS
NUMBER OF SEQUENCES: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/CB95/00509
FILING DATE: 09-MAR-1995
PRIOR APPLICATION DATE: APPLICATION NUMBER: GB 9404807.1
FILING DATE: 11-MAR-1994
INPORMATION FOR SEQ ID NO: 9: SEQUENCE CHARACTERISTICS:
LENGTH: 333 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/700,442A FILING DATE: 19-AUG-1996 CLASSIFICATION: 514 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               52 KRONCCNGGCSSKWCRDHARCC 73
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              f: 333 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 28.0%
Matches 23, Conservative
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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MOLECULE TYPE: p
ORIGINAL SOURCE:
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US-08-831-028-9
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                                                                                                                                                                                                                                                                                                                                                                                  STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
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ANTI-SENSE: NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 17.4%; Score 73; DB 3; Length 333; Best Local Similarity 28.0%; Pred. No. 1.5; Matches 23; Conservative 13; Mismatches 26; Indels 20; Gaps
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Sequent No. 5514774

GENERAL INFORMATION:
APPLICANT: Clivexa, Baldomero M. APPLICANT: Clivexa, Baldomero M. APPLICANT: Clivexa, Baldomero M. APPLICANT: Clivexa, David R. APPLICANT: McIntosh, J. Michael APPLICANT: Santos, Ameurfina D. TITLE OF INVENTION: CONCOCXIN Peptides NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti STREET: 1201 New York Avenue N.W., Suite 1000
STREET: 2005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: NordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/137,800
                                                                                                          CUPPLE SABOA

COMPUTER READABLE FORM:

MEDIUM TYEE: Floppy disk

CMPDITER: BM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Microsoft Word

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/831,028

FILING DATE: 04-ARR-1997

CLASSIFICATION DATA:

APPLICATION NUMBER: US 08/700,442

FILING DATE: 19-AUG-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: B 9404807.1

FILING DATE: 09-MAR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: B 9404807.1

FILING DATE: 11-MR-1994

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 333 amino acide

TYPE: amino acide

TYPE: amino acide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 57 -RHRCCAMGPGRKYCK---RWC 74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               52 KRONCCNGGCSSKWCRDHARCC 73
ADDRESSEE: Zeneca, Inc.
STREET: 1200 South 47th Street
CITY: Richmond
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: FIGURE 10
US-08-831-028-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: Sir
                                                                                                  USA
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THING DATE 19-0CT-1993

CLASSFICATION: 530

TOWNSTRY AGENY INFORMATION:
NAME: Inher, Jackev. Library.
NATIONING NUMBER: 28, 957

TELERONING NUMBER: 28, 957

TELERONING NUMBER: 28, 957

TELERONING NUMBER: 28, 957

TELERONING CHARACTERISTICS:
TELERONING NUMBER: 2226-23300
THING CHARACTERISTICS:
TELERONING NUMBER: 2226-23400
THING CHARACTERISTICS:
TELERONING NUMBER: 2226-24401
TELERONING CHARACTERISTICS:
T
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65

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9 VLLTVCLLLFPLTALPLDGDQPADRPAERMQD---DISSDEHPLFDKRQNCCNGGCSSKW 65
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                                                 13, Gaps
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Best Local Similarity 31.4%; Pred. No. 0.32;
Matches 22; Conservative 11; Mismatches 24; Indels
           DB 1; Length 64;
                                                      24; Indels
                                                                                                                                                                                                                                                                                                                                    Sequence 39, Application US/08477383
FACENT NO. 5589340
GENERAL INFORMATION:
APPLICANT: Clivera, Baldomero M.
APPLICANT: Clivera, David R.
APPLICANT: Hillyard, David R.
APPLICANT: Macintosh, J. Michael
APPLICANT: Macintosh, J. Michael
APPLICANT: Sancos, Ameurfino S.
ITILE OF INTENTION: Conctoxin Peptides
NUMBER OF SEQUENCES: 59
CORRESPONDENCE ADORRES:
ADDRESSED: Venable, Bactjer, Howard & Civiletti
STREET: 1201 New York Avenue, N.W., Suite 1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,383
FILING DATE: O'-JUN-1995
CLASSIFICATION - 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/137,800
FILING DATE: 19-OCT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/084,848
FILING DATE: 29-JUN-1993
ATTORNEY/AGENT INFORMATION:
         Query Match 17.3%; Score 72.5; DB Best Local Similarity 31.4%; Pred. No. 0.32; Matches 22; Conservative 11; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24260-107673
TELECOMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 39:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conus striatus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 64 amino acids
TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  202-962-8300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                       66 CRDHARCCGR 75
                                                                                                                                                                                                                                61 -----8CGR 64
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ORGANISM: CO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U
ZIP: 20005
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                                                                                                                                                                                                                                                                                9 VLLTVCLLLFPLTALPLDGDQPADRPAERMQD----DISSDEHPLFDXRQNCCNGGCSSKW 65
                                                                                                                                                                                                                13;
                                                                                                                                                                   Query Match
17.3%; Score 72.5; DB 1; Length 64;
Best Local Similarity 31.4%; Pred. No. 0.32;
Matches 22; Conservative 11; Mismatches 24; Indels 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUW TYPE: Floppy disk
MEDIUW TYPE: Floppy disk
COMPUTER: BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,383
FILNG DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: US 08/137,800
FILING DATE: 19-OCT-1993
PRIOR APPLICATION NUMBER: US 08/137,800
FILING DATE: 19-OCT-1993
ATPONENTY/AGENT INPORMER: US 08/084,848
FILING DATE: 29-JUN-1993
ATPONENTY/AGENT INPORMATION:
WANNER: LAGERONT LAGERONT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Venable, Baetjer, Howard & Civiletti
STREET: 1201 New York Avenue, N.W., Suite 1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ...rulCANT: Olivera, Baldomero M.
APPLICANT: Cruz, Lourdes J.
APPLICANT: Hillyard, David R.
APPLICANT: Macintosh, J. Michael
APPLICANT: Macintosh, J. Michael
APPLICANT: Macintosh, Macurfino S.
TITLE OF INVENTION: Conotoxin Peptides
NUMBER OF SEQUENCES: 59
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venahl.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REPERENCE/DOCKET NUMBER: 24260-107673
TELECOMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 37, Application US/08477383
Patent No. 5589340
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 37:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conus striatus
                                           HYPOTHETICAL: NO ANTI-SENSE: NO ORIGINAL SOURCE: ORIGINAL SOURCE: ORGANISM: Conus striatus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 64 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 202-962-8300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
.: peptide
NO
                                                                                                                                                                                                                                                                                                                                                  66 CRDHARCCGR 75
                                                                                                                                                                                                                                                                                                                                                                                             -----SCGR 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SILL
CITY: WL.
STATE: DC
COUNTRY: U.S
''P: 20005
                        MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 7
US-08-477-383-37
                                                                                                                               US-08-137-800-39
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US-08-487-174-39

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Sequence 39, Application US/08487174
Patent No. 5595972
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 64 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 61 -----SCGR 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            66 CRDHARCCGR
                                                                                                                                                                                                                                                        CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                             U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORIGINAL SOURCE
                                                                                                                                                                                                                                                                                                                 ZIP: 20005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 11
US-08-480-750-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-487-174-39
                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  à
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        9 VLLTVCLLLFPLTALPLDGDQPADRPAERMQD---DISSDEHPLFDKRQNCCNGGCSSKW 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   13; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
17.3%; Score 72.5; DB 1; Length 64;
Best Local Similarity 31.4%; Pred. No. 0.32;
Matches 22; Conservative 11; Mismatches 24; Indels
                                                                            us-u8-487-174-37

Sequence 37, Application US/08487174

Facent No. 559597

Facent Normarion

APPLICANT: Colorea, Baldomero M. APPLICANT: Macintosh, J. Michael

APPLICANT: Macintosh, J. Michael

APPLICANT: Macintosh, J. Michael

APPLICANT: Santos, Ameurfino S.

TITLE OF INVENTION: Conotoxin Peptides

NUMBER OF SEQUENCES: 59

CORRESPER I 1201 New York Avenue, N.W., Suite 1000

CITY: Washington

STATE: DC

COUNTRY: U.S.A.

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

RAPLICATION NUMBER: US/08/487,174

FILING DATE: O'-JUN-1995

CLASSIFICATION: NATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 24260-107673
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/137,800
FILING DATE: 19-0CT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/084,848
FILING DATE: 29-UTN-1993
ATTOMACY, AGENT INFORMATION:
NAME: Inhen, Jeffrey L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Ihnen, Jeffrey L. REGISTRATION NUMBER: 28,957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 64 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conus striatus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     66 CRDHARCCGR 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              61 -----SCGR 64
66 CRDHARCCGR 75
                                   64
                                     ----SCGR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-487-174-37
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RESULT 10

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9 VLLTVCLLLFPLTALPLDGDQPADRPAERMQD---DISSDEHPLFDKRQNCCNGGCSSKW 65
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   24; Indels 13; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GALLO, ROBERT
TITLE OF INVENTION: CHARACTERIZATION OF REPLICATION COMPETENT
HUMAN IMMUNODEFICIENCY TYPE 2 PROVIRAL CLONE HIV-2 SBL/ISY
NUMBER OF SEQUENCES: 4
CURRENT APPLICATION DATA:
APPLICATION MEER: US/07/331,212
FILING DATE: 03-31-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    17.3%; Score 72.5; DB 6; Length 3025; ilarity 23.7%; Pred. No. 17; Conservative 14; Mismatches 24; Indels 33;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      17.3%; Score 72.5; DB 1; Length 64; 31.4%; Pred. No. 0.32; tive 11; Mismatches 24; Indels
                                                                                                                                  MEDIUM LIE.

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,750
FILING DATE: 07-UTN-1995
CLASSIFICATION TOWARE: US/08/137,800
PILING DATE: 19-CT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/137,800
FILING DATE: 19-CT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/084,848
FILING DATE: 29-UTN-1993
ATONEY/AGENT INFORMATION:
REGISTRATION NUMBER: 28,957
RERERENCE/DOCKET NUMBER: 28,957
RERERENCE/DOCKET NUMBER: 28,957
TELEPHONE: 202-962-4810
TELEPHONE: 202-962-4810
TELEPHONE: 202-962-4810
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Patent No. 5223423
Patent No. 5223423
                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: TEM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 Similarity 31.4%;
22; Conservative 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conus striatus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          64 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: peptide HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            66 CRDHARCCGR 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    -----SCGR 64
                            Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 22; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 22; Conserv
                                                                    U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO:3:
LENGTH: 3025
                                                              COUNTRY: U.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-480-750-39
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  17.3%; Score 72.5; DB 1; Length 64; 31.4%; Pred. No. 0.32; tive 11; Mismatches 24; Indels
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Patent No. 5633347
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Cruz, Lourdes J.
APPLICANT: Hillyard, David R.
APPLICANT: Macintosh, J. Michael
APPLICANT: Santos, Ameurfino S.
ITLE OF INVENTION: Conotoxin Peptides
NUMBER OF SEQUENCES: 59
CORRESPONDENCE ADDRESS:
ADDRESSES: Venable, Baetjer, Howard & Civiletti
STREET: 1201 New York Avenue, N.W., Suite 1000
                                                                                                                                                                                                                                                                   COMPUTER REDABLE FORM:
MEDITUM TYPE: FIDOPPY disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,750
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/137,800
FILING DATE: 19-OCT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/084,848
FILING DATE: 29-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: INFORMATION:
NAME: INFORMATION:
NAME: INFORMATION:
NAME: UNMORE: 28,957
REFERENCE/DOCKET NUMBER: 24260-107673
                                                                                                                         E: Venable, Baetjer, Howard & Civiletti
1201 New York Avenue, N.W., Suite 1000
TITLE OF INVENTIONS Ameurfino S.
TITLE OF INVENTION: Conctoxin Peptides
NUMBER OF SEQUENCES: 59
CORRESPONDENCE ADDRESS:
STRREE: Venachia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: 202-962-4810
TELEPAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 64 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conus striatus
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Matches 22; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          66 CRDHARCCGR 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  61 -----SCGR 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                      Washington
                                                                                                                                                                                                                COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HYPOTHETICAL: N
ORIGINAL SOURCE:
CRGANISM: Con
US-08-480-750-37
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                                                                                                                                                                        CITY: V
STATE:
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APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 31.9%; Score 71.5; DB 3; Length 59;
Best Local Similarity 31.9%; Pred. No. 0.38;
Matches 22; Conservative 10; Mismatches 24; Indels 13; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-081-026-22
Sequence 22, Application US/09061026
Fatent No. 6077934
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
CONTRIBUTION:
CORRESPONDENCE: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rothwell, Figg, Ernst & Kurz, p.c.
STREET: 755 Thirteenth Street N.W., Suite 701-E
CITY: Washington
STARE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER: FLORY disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPUTER: BATCHIN Release #1.0, Version #1.30
SUSFWARE: ARTENTION DATA:
APPLICATION NUMBER: US/09/061,026
                                                                                        1878 ILSQLYRPL ----ETCNNKCFCKGCCFHCQLC 1905
                                                                                                                                                                                                                                US-09-488-799-51
US-09-488-799-51
Sequence 31, Application US/09488799
Patent No. 6268473
GENERAL INFORMATION:
APPLICANT: Olivera Baldomero M.
APPLICANT: Hillyard Baldomero M.
APPLICANT: Watkins, Maren
APPLICANT: Watkins, Maren
APPLICANT: Watkins, Maren
APPLICANT: Gonoffeld, Robert
APPLICANT: Schoenfeld, Robert
APPLICANT: Schoenfeld, Robert
APPLICANT: Jones, Robert M.
TITLE OF INVENTION: Alpha Conctoxin Peptides
FILE REFERENCE: Alphas 1
CURRENT FALING DATE: 1299-01-22
EARLIER FILING DATE: 1299-01-22
SARLIER PILING DATE: 1999-01-22
SARLIER FILING DATE: 1999-01-22
SARLIER FILING DATE: 1999-01-22
SARLIER FILING DATE: 1999-01-22
SARLIER FILING DATE: 1999-01-22
SARLIER PILING DATE: 1999-01-22
                               47 -----HPLFDKRQNCCNGGCSSKWCRDHARCC 73
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Conus striatus
US-09-488-799-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         67 RDHARCCGR 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ----SCGR 59
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## APPLICATION NUMBER: US 60/068,737
# FILING DATE: 24-DEC-1997
# ATTORNEY/AGENT INPORMATION:
### Inhen, Jeffrey L.
### REGISTRATION NUMBER: 2314-133
### REGISTRATION NUMBER: 2314-133
### TELEFAX: 202-783-6040
### TELEFAX: 202-783-603
### TELEFAX: 202-783-6040
### MACHATILVLAPAYLLEPATALPLOGOPADRAPRARMQDDISSDEHPLFOKRQNCCNGGCS 62
### TELEFAX: 202-783-6040
### TOPPICATILYLYRAPATALSAQVMVQGDGDQPADRAPARMADDISSDEHPLFOKRQNCCNGGCS 62
### TELEFAX: 202-783-6040
### TELEFAX: 202-783-8040
### T
```

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Sequence 210, Application US/09910009A
Publication No. US20030050234A1
GENERAL INFORMATION:
APPLICANT: University of Utah Research Foundation
APPLICANT: University of Utah Research Foundation
APPLICANT: Cognetix, Inc.;
APPLICANT: Garrett, James B,
APPLICANT: Markins, Maren
APPLICANT: Watkins, Maren
APPLICANT: Shon, Ki-Joon
APPLICANT: Shon, Ki-Joon
APPLICANT: Cartier, G. Edward
APPLICANT: Wagstaff, John D.
TITLE OF INVENTION: Mu-Conopeptides
FILE REFERENCES: 2314-242
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/910,009A
CURRENT APPLICATION NUMBER: US/09/910,009A
PRIOR FILING DATE: 2001-07-21
PRIOR FILING DATE: 2000-07-21
PRIOR FILING DATE: 2000-11-08
PRIOR APPLICATION NUMBER: US 60/245,157
PRIOR APPLICATION NUMBER: US 60/264,319
PRIOR APPLICATION NUMBER: US 60/277,270
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
SOFTWARE: PARENTIN VERSION 3.0
SOFTWARE: PARENTIN VERSION 3.0
LENGTH: 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ) ORGANISM: Conus striatus
US-09-910-009A-210
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                                                                                                  38, Appl
262, App
14, Appl
178, App
                                                                                             November 17, 2003, 16:17:08; Search time 37.1053 Seconds (without alignments) 369.003 Million cell updates/sec
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Sequence 4
Sequence 3
Sequence 3
Sequence 2
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GenCore version 5.1.6
(c) 1993 - 2003 Compugen Ltd.
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US-09-910-009A-375
US-09-910-009A-375
US-09-910-009A-41
US-09-910-009A-38
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US-09-910-009A-221
US-09-910-009A-221
US-09-910-009A-221
US-09-910-009A-221
US-09-910-009A-321
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Maximum Match 100%
Listing first 45 summaries
                                                                   protein search, using sw model
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Maximum DB :
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56, Appl
138, App
98, Appl
98, Appl
1135, App
117, Appl
101, Appl
101, Appl
102, App
105, App
105, App
105, Appl
1132, Appl
1133, Appl
1134, Appl
1137, Appl
1117, Ap
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US-09-910-009A-144
US-09-910-009A-277
US-09-910-009A-74
US-09-910-009A-64
US-09-910-009A-69
US-09-910-009A-98
US-09-910-009A-135
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US-09-910-009A-155
US-09-910-009A-155
US-09-910-009A-155
US-09-910-009A-177
US-09-910-009A-181
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267.5
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ALIGNMENTS

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3 MMSKLGVLLTVCLLLFPLTALPLDGDQPADRPAERMQDDISSDEHPLFDKRQNCCN--GG 60
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Pred. No. 9.7e-32;
6; Mismatches 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: University of Utah Research Foundation APPLICANT: Cognetix, Inc.
APPLICANT: Cognetix, Inc.
APPLICANT: Olivers Baldomero M.
APPLICANT: Monthosh, J. Michael
APPLICANT: Garrett, James B.
APPLICANT: Watkins, Maren
                                                                                                              APPLICANT: Jacobsen, Richard
APPLICANT: Jacobsen, Richard
APPLICANT: Jacobsen, Richard
APPLICANT: Gratier, G. Edward
APPLICANT: Gratier, G. Edward
APPLICANT: Shen, Greg S.
TILE APPLICANT: Magstaff, John D.
TILE REFERENCE: 2314-242
CURRENT FILING DATE: 2001-07-23
CURRENT FILING DATE: 2000-07-21
PRIOR APPLICATION NUMBER: US 60/219,619
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2001-01-29
PRIOR APPLICATION NUMBER: US 60/245,157
PRIOR FILING DATE: 2001-01-29
PRIOR APPLICATION NUMBER: US 60/245,157
PRIOR APPLICATION NUMBER: US 60/245,139
PRIOR APPLICATION NUMBER: US 60/245,139
PRIOR APPLICATION NUMBER: US 60/277,270
NUMBER OF SEQ ID NOS: 520
SEQ ID NOS: 520
SEQ ID NOS: 520
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APPLICANT: Shon, Ki-Joon
APPLICANT: Shon, Ki-Joon
APPLICANT: Jacobsen, Richard
APPLICANT: Jacobsen, Richard
APPLICANT: Gratier, G. Edward
APPLICANT: Gratier, G. Edward
APPLICANT: Shen, Greg S.
APPLICANT: Wagstaff, John D.
TITLE OF INVENTION: Mu-Conopeptides
TILE REFERENCE: 2314-242
CURRENT APPLICATION NUMBER: US 60/219,619
FRIOR FILING DATE: 2000-07-21
PRIOR APPLICATION NUMBER: US 60/245,157
PRIOR APPLICATION NUMBER: US 60/245,127
PRIOR APPLICATION NUMBER: US 60/245,139
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 79.7%;
Matches 59; Conservative
                    Garrett, James E.
                                            Watkins, Maren
Cruz, Lourdes J.
Shon, Ki-Joon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          61 CSSKWCRDHARCCG 74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Conus consors
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                                                                                                                                                  1 GSMMSKLGVLLTVCLLFFPLTALPLDGDQPADRPAERWQDDISSDEHPLFDKRQNCCNGG 60
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                                                                                                                 1 GSMMSKLGVLLTVCLLLFPLTALPLDGDQPADRPAERMQDDISSDEHPLFDKRQNCCNGG
                                                                    Gaps
                                                                 0
        Length 75;
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                                                                 Indels
Query Match 100.0%; Score 420; DB 11;
Best Local Similarity 100.0%; Pred. No. 1.2e-41;
Matches 75; Conservative 0; Mismatches 0;
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Publication No. US20030050234A1
GENERAL INFORMATION:
APPLICANT: University of Utah Research Foundation
APPLICANT: Cognetix, Inc.
APPLICANT: Cognetix, Inc.
APPLICANT: Moince, Baldomero M.
APPLICANT: Moince, Baldomero M.
APPLICANT: Moince, J. Michael
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Publication No. US20030050234A1
GENERAL INFORMATION:
APPLICANT: University of Utah Research Foundation
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CURRENT APPLICATION NUMBER: US/09/910,009A
CURRENT FILING DATE: 2001-07-23
PRIOR PELING DATE: 2000-07-21
PRIOR FILING DATE: 2000-07-21
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
SEQ ID NO 300
LENGTHARE: PATENTIN VENEIGN 3.0
SEQ ID NO 300
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PPLICANT: Shen, Greg S.
PPLICANT: Wagstaff, John D.
ITLE OF INVENTION: Mu-Conopeptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Cognetix, Inc.
Olivera, Baldomero M.
McIntosh, J. Michael
Garrett, James E.
Watkins, Maren
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Shon, Ki-Joon
Jacobsen, Richard
Jones, Robert M.
                                                                                                                                                                                                                                  61 CSSKWCRDHARCCGR 75
                                                                                                                                                                                                                                                                      61 CSSKWCRDHARCCGR 75
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US-09-910-009A-375
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                                                                                                                                                                                                                                                            3 MMSKLGVLLITVCLLLFPLFALPLDGDQPADRPABRMQDDISSDBHPLFDKR--QNCCN-- 58
                                                                                                                                                                                                                                                                                     1 MMSKLGVLLTICLLLFPLFALPQDGDQPADRPAERMQDDLSSEQHPLFEKRIVDRCCNKG 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 73.0%; Score 306.5; DB 11; Length 76; Best Local Similarity 76.3%; Pred. No. 2.1e-28; Matches 58; Conservative 5; Mismatches 10; Indels 3; Gaps
                                                                                                                                                                                                                  Gaps
                                                                                                                                                               Query Match 76.2%; Score 320; DB 11; Length 80; Best Local Similarity 75.0%; Pred. No. 6e-30; Matches 60; Conservative 7; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: University of Utah Research Foundation
APPLICANT: University of Utah Research Foundation
APPLICANT: Cognetix, Inc.
APPLICANT: Clivers, Baldomero M.
APPLICANT: Garrett, James E.
APPLICANT: Garrett, James E.
APPLICANT: Cruz, Lourdes J.
APPLICANT: Shon, Ki-Joon
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CURRENT FILING DATE: 2001-07-23
PRIOR APPLICATION NUMBER: US 60/219,619
PRIOR FILING DATE: 2000-07-21
PRIOR FILING DATE: 2000-07-21
PRIOR APPLICATION NUMBER: US 60/245,157
PRIOR APPLICATION NUMBER: US 60/264,319
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
SOFTWARE: PATENTIN VERSION 3.0
SOFTWARE: PATENTIN VERSION 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Jacobsen, Richard
APPLICANT: Jones, Robert M.
APPLICANT: Cartler, G. Edward
APPLICANT: Shen, Greg S.
APPLICANT: Wagstaff, John D.
TITLE OF INVENTION: Mu-Conopeptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 378, Application US/09910009A Publication No. US20030050234A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                         59 --- GGCSSKWCRDHARCCGR 75
                                                                                                                                                                                                                                                                                                                                                                                  61 NGKRGC-SRWCRDHSRCCGR 79
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SOFTWARE: Patentin version 3.0
SEQ ID NO 41
LENGTH: 80
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                                                                       TYPE: PRT ORGANISM: Conus bullatus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT; CONUS CONSOUR US-09-910-009A-378
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RESULT 6 US-09-910-009A-38

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1 MMSKLGVLLTICLLFPLFALPQDGDQPADRFAERMQDDISSEQNPLLEKRVGERCCKNG 60
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                                                                    APPLICANT: University of Utah Research Foundation
APPLICANT: University of Utah Research Foundation
APPLICANT: Cognetix, Inc.
APPLICANT: Olivers, Baldomero M.
APPLICANT: Garrett, James E.
APPLICANT: Garrett, James E.
APPLICANT: Cruz, Lourdes J.
APPLICANT: Shon, Ki-Joon
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APPLICANT: Olivera, Baldomero M. APPLICANT: McInael APPLICANT: Garrett, James E. APPLICANT: Watkins, Maren
                                                                                                                                                                                                                                                                                                                           APPLICANT: Cartier, G. Edward
APPLICANT: Shen, Greg S.
APPLICANT: Shen, Greg S.
APPLICANT: Shen, Greg S.
APPLICANT: Magstaff, John D.
TITLE OP INVENTION: Mu-Conopeptides
FILE REFERENCE: 2314-242
CURRENT APPLICATION NUMBER: US/09/910,009A
CURRENT FILING DATE: 2000-07-21
PRIOR APPLICATION NUMBER: US 60/219,619
PRIOR APPLICATION NUMBER: US 60/245,157
PRIOR APPLICATION NUMBER: US 60/245,157
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-03-21
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PRIOR APPLICATION NUMBER: US 60/219,619
PRIOR FILING DATE: 2000-07-21
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Sequence 262, Application US/09910009A

; Publication No. US20030050234A1

; GENBRAL INFORMATION:
Sequence 38, Application US/09910009A
Publication No. US20030050234A1
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APPLICANT: Cartier, G. Edward
APPLICANT: Shen, Greg S.
APPLICANT: Magstaff, John D.
FILLE OP INVENTION: Mu-Conopeptides
FILE REFERENCE: 2314-242
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SOFTWARE: Patentin version 3.0
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Shon, Ki-Joon
Jacobsen, Richard
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Jones, Robert M.
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Best Local Similarity 75.6
Matches 59, Conservative
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APPLICANT:
APPLICANT:
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APPLICANT:
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58 NGGCSSKWCRDHARCCGR 75
                                                    61 KĠŚĊŚGKĄĆKNLKCĆSĠŔ 78
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Cartier, G. Edward
Shen, Greg S.
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Shon, Ki-Joon
Jacobsen, Richard
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APPLICANT:
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Best Local Similarity 71.8%; Pred. No. 4.9e-28;
Matches 56; Conservative 9; Mismatches 10; Indels 3; Gaps
                                                                                                                                                                                                                                                                                                                                                           DB 11; Length 75;
                                                                                                                                                                                                                                                                                                                                                      Query Match 72.5%; Score 304.5; DB 11; Length Best Local Similarity 74.7%; Pred. No. 3.6e-28; Matches 56; Conservative 9; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: University of Utah Research Foundation APPLICANT: Cognetix, Inc.
APPLICANT: Olivera, Baldomero M.
APPLICANT: McIntosh, J. Michael
APPLICANT: Garrett, James E.
APPLICANT: Watkins, Maren
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APPLICANT: Jacobsen, Richard
APPLICANT: Jacobsen, Richard
APPLICANT: Shen, Greg S.
APPLICANT: Shen, Greg S.
APPLICANT: Shen, Greg S.
APPLICANT: Shen, Greg S.
APPLICANT: Wagstaff, John D.
TITLE REFRENCE: 2314-242
CURRENT FILING DATE: 2001-07-23
PRIOR APPLICATION NUMBER: US 60/219,619
PRIOR FILING DATE: 2000-07-21
PRIOR APPLICATION NUMBER: US 60/245,157
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2001-03
PRIOR FILING DATE: 2001-03
PRIOR FILING DATE: 2001-03
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-03
PRIOR FILING DATE: 2001-03
PRIOR FILING DATE: 2001-03
PRIOR FILING DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
SOFTWARE: PATENTIN VEXBION 3.0
SOFTWARE: PATENTIN VEXBION 3.0
PRIOR APPLICATION NUMBER: US 60/245,157
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2000-10-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-03-21
NUMBER OF SEQ ID NOS: 520
SOFTWARE: Patentin version 3.0
SOFTWARE: Patentin version 3.0
LENGTH: 75
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Publication No. US20030050234A1
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Shon, Ki-Joon
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                                                                                                                                                                                                                                                                                    ORGANISM: Conus tulipa
                                                                                                                                                                                                                                                                                                              US-09-910-009A-262
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US-09-910-009A-14
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DD 61 KGSCGGGACKNUKCCGGR 79

RESULT
9099-310-0099-139

RESULT
10 PAPLICANT ON PERSONS 1050-244-139

REPLICANT CONTROL OF UTAL RESEARCH FOUNDATION
1 PAPLICANT ON PERSONS 1050-244-139

REPLICANT CONTROL OF UTAL RESEARCH FOUNDATION
1 PAPLICANT ON PERSONS 1050-244-139

REPLICANT CONTROL ON PERSONS 1050-244-139

REPLICANT CONTROL ON PERSONS 1050-244-139

REPLICANT CONTROL ON PERSONS 1050-24-139

REPLICANT CONTROL ON PERSONS 1050-24-139

RELICANT CONTROL ON PERSONS 1050-24-139

RELICANT CONTROL ON PERSONS 1050-20-24-139

RESURE FILLING DATE: 2001-07-21

RESURE
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5; Gaps

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74.0%; Pred. No. 1.4e-27;
tive 7; Mismatches 8; Indels
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Sequence 201, Application US/09910009A

Publication No. US20030050234A1

GENERAL INFORMATION:

APPLICANT: University of Utah Research Foundation

APPLICANT: Cognetix, Inc.

APPLICANT: Olivers Baldomero M.

APPLICANT: MoIntosh, J. Michael

APPLICANT: Garrett, James E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: University of Utah Research Foundation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Shen, Greg S.
APPLICANT: Shen, Greg S.
TITLE OF INVENTION: Mu-Conopeptides
FILE REPERENCE: 2314-242
CURRENT APPLICATION NUMBER: US/09/910,009A
CURRENT FILING DATE: 2001-07-23
PRIOR APPLICATION NUMBER: US 60/219,619
PRIOR FILING DATE: 2000-07-21
PRIOR PILING DATE: 2000-07-21
PRIOR PILING DATE: 2000-11-03
PRIOR FILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: US 60/264,319
PRIOR PILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-39
PRIOR FILING DATE: 2001-03-21
                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 265, Application US/09910009A Publication No. US20030050234A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Cognetix, Inc.
Olivera, Baldomero M.
McIntosh, J. Michael
Garrett, James E.
Watkins, Maren
Cruz, Lourdes J.
Shon, Ki-Joon
Jacobsen, Richard
Jones, Robert M.
Cartier, G. Edward
                                                                                                                                                                                                                                                          61 RGC-GRWCRDHSRCCGR 76
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1 Similarity 71.1%;
54; Conservative 9
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                                                                                                                                                                                                                          60 -GCSSKWCRDHARCCGR
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US-09-910-009A-265
                             Best Local Similarity 74.0
Matches 57; Conservative
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Best Local Similarity
Matches 54; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 71.3%; Score 299.5; DB 11; Length 74; Best Local Similarity 74.3%; Pred. No. 1.4e-27; Matches 55; Conservative 9; Mismatches 7; Indels 3.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: University of Utah Research Foundation
APPLICANT: Wagstaff, John D. TITLE OF INVENTION: Mu-Conopeptides FILE REFERENCE: 2314-242
CURRENT APPLICATION NUMBER: US/09/910.009A
CURRENT FILING DATE: 2001-07-23
PRIOR APPLICATION NUMBER: US 60/219,619
PRIOR APPLICATION NUMBER: US 60/219,619
PRIOR APPLICATION NUMBER: US 60/245,157
PRIOR PILING DATE: 2000-11-03
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 520
SOFTWARE: PALENTIN NUMBER: US 60/277,270
SEQ ID NO 234
LENGTH: 74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: CTUZ, LOUTGES J.
APPLICANT: Shon, Ki-Joon
APPLICANT: Jacobsen, Richard
APPLICANT: Jacobsen, Richard
APPLICANT: Jacobsen, Richard
APPLICANT: Gartier, G. Edward
APPLICANT: Shen, Greg S.
APPLICANT: Wagstaff, John D.
TITLE OF INVENTION: Mu-Conopeptides
FILE REFERENCE: 2314-242
CURRENT APPLICATION NUMBER: US 60/219,619
PRIOR FILING DATE: 2000-07-21
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2000-11-03
PRIOR FILING DATE: 2000-11-29
PRIOR FILING DATE: 2001-01-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-910-009A-35; Sequence 35, Application US/09910009A; Sequence 35, Application US-0050234A1; GENERAL INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Cognetix, Inc.
Olivera, Baldomero M.
McIntosh, J. Michael
Garrett, James E.
Watkins, Maren
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ORGANISM: Conus bullatus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: PRT
; ORGANISM: Conus tulipa
US-09-910-009A-234
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LENGTH: 77
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3 MMSKLGVLLTVCLLLFPLTALPLDGDQPADRPAERMQDDISSDEHPLFDKR;-QNCCNG- 59
                                1 MMSKLGVLLTICLLEPPLFALRQDGDQPADRFAERWQDDISSEQNPLLEKRVGDRCCKGK 60
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Pred. No. 7e-27;
9; Mismatches 10; Indels 3;
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Gaps

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DB 11; Length 77; Indels

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3 MMSKLGVLLTVCLLLFPLTALPLDGDQPADRPAERMQDDISSDEHPLFDKR--QNCCNG-
                                                                                                                                             Query Match 69.6%; Score 292.5; DB 11; Best Local Similarity 72.7%; Pred. No. 9.3e-27; Matches 56; Conservative 7; Mismatches 9;
                                                                                                                                                                                                                                                                                                                                     60 -GCSSKWCRDHARCCGR 75
; SEQ ID NO 32
; LENGTH: 77
; TYPE: PRT
; ORGANISM: Comus bullatus
US-09-910-009A-32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: University of Utah Research Foundation APPLICANT: Cognetix, Inc.
APPLICANT: Olivera, Baldomero M.
APPLICANT: MILLOSH, J. Michael
APPLICANT: Garrett, James E.
APPLICANT: Watkins, Maren
  APPLICANT: WALKIINS, WALE.
APPLICANT: CTUZ, LOURdes J.
APPLICANT: CALC, LOURdes J.
APPLICANT: Jacobsen, Richard
APPLICANT: Jacobsen, Richard
APPLICANT: Jacobsen, Richard
APPLICANT: Shen, Greg S.
APPLICANT: Magastaff, John D.
TITLE OF INVENTION: Mu-Conopetides
FILE REFERENCE: 2314-242
CURRENT FILING DATE: 2000-07-21
PRIOR APPLICATION NUMBER: US 60/215,157
PRIOR APPLICATION NUMBER: US 60/245,157
PRIOR APPLICATION NUMBER: US 60/245,157
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
PRIOR FILING DATE: 2001-01-29
NUMBER: PALENTE PALENTENT ON NUMBER: US 60/277,270
NUMBER: PALENTENT ON NUMBER: US 60/277,270
SSOQ ID NO 201
LENGTH: 75
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APPLICANT: Cartier, G. Edward
APPLICANT: Shen, Greg S.
TITLE OF INVENTION: Mu-Conopeptides
FILE REFRENCE: 2314-242
CURRENT APPLICATION NUMBER: US/09/910,009A
CURRENT FILING DATE: 2001-07-23
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PRIOR APPLICATION NUMBER: US 60/219,619
PRIOR FILING DATE: 2000-07-21
PRIOR FILING DATE: 2000-07-21
PRIOR PELING DATE: 2000-11-03
PRIOR APPLICATION NUMBER: US 60/264,319
PRIOR FILING DATE: 2001-01-29
PRIOR APPLICATION NUMBER: US 60/277,270
PRIOR FILING DATE: 2001-03-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 32, Application US/09910009A Publication No. US20030050234A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT ORGANISM: Conus stercusmuscarum
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SOFTWARE: Patentin version 3.0
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Shon, Ki-Joon
Jacobsen, Richard
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US-09-910-009A-32
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                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: University of Utah Research Foundation
APPLICANT: Cognetix, Inc.
APPLICANT: Olivera, Baldomero M.
APPLICANT: Olivera, Baldomero M.
APPLICANT: Garrett, James E.
APPLICANT: Garrett, James E.
APPLICANT: Gruz, Lourdes J.
APPLICANT: Gruz, Lourdes J.
APPLICANT: Shon, Ki-Joon
APPLICANT: Grose, Robert M.
APPLICANT: Grose, Google, John, 009A
APPLICANT: Shen, Greg S.
APPLICANT: Shen, G
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                                                                                                                                                                                                                                                                                   Application US/09910009A
to. US20030050234A1
61 REC-GRWCRDHSRCCGR 76
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Best Local Similarity 71.63
Matches 53; Conservative
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ORGANISM: Conus magus
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